L Number	Hits	Search Text	DB	Time stamp
1	1	"20020030200" and L	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/26 11:27
2	1	"6555403" and L	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/26 11:18
3	1	"20020030200" and length	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/26 11:27
4	813	(372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/26 11:30
5	0	((372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain) ) and ((cavity or resonan\$4) with length with than)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/26 11:31
6	264	· ·	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/26 11:55
7	10	1	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/26 11:58
8	224	GaN and ((cavity or resonan\$4) with length)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/26 11:59
9	190	(GaN and ((cavity or resonan\$4) with length) ) not (((372/43-50.ccls. and (GaN or nitride or III or InGaN or Gallium) and (laser or lasing) and (threshold or gain or loss)) and (threshold and gain) ) and ((cavity or resonan\$4) with length) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/26 11:59
_	8	"944186"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/24 15:55
_	0	"944186" and "threshod mode gain"	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/24 15:56
_	1	"944186" and "threshold mode gain"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/24 16:04
_	1	"944186" and "differential gain"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/24 16:14

_	1	"threshold mode gain" and (laser or	USPAT;	2003/06/24
		lasers) and "differential gain"	US-PGPUB;	16:15
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5	(internal with mirror with loss\$2) and	USPAT;	2003/06/24
		(laser or lasers) and "differential	US-PGPUB;	16:26
		gain"	EPO; JPO;	
			DERWENT;	
		•	IBM_TDB	
<b>-</b>	5	(	USPAT;	2003/06/24
		losses)) and (laser or lasers) and	US-PGPUB;	16:29
		"differential gain"	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/06/24
<b>–</b>	6	(internal with mirror with (loss or	USPAT;	2003/06/24
		losses)) and (laser or lasers) and	US-PGPUB;	16:32
		(differential near2 (gain or gains))	EPO; JPO;	
			DERWENT;	
		/1 1 1 1 1 / 1 = 66 1 1	IBM_TDB	2002/06/24
_	759	(laser or lasers) and (differential	USPAT;	2003/06/24
		near2 (gain or gains))	US-PGPUB;	16:46
			EPO; JPO;	
			DERWENT;	
		/ /]	IBM_TDB	2003/06/24
-	144	( (laser or lasers) and (differential	USPAT;	16:36
		near2 (gain or gains))) and (threshold	US-PGPUB; EPO; JPO;	10.30
		with (loss\$2 or gain\$1))		
			DERWENT;	
		( )	IBM_TDB	2003/06/24
-	2	(microscop\$4 with fluctuat\$5) and	USPAT;	16:48
		(laser or lasers) and (differential	US-PGPUB;	10:40
		near2 (gain or gains))	EPO; JPO; DERWENT;	
			IBM TDB	
	356	(microscoped with fluctuates) and	USPAT;	2003/06/24
_	156	•	US-PGPUB;	17:00
		(laser or lasers)	EPO; JPO;	17.00
			DERWENT;	
			IBM TDB	
	7	((microscop\$4 with fluctuat\$5) and	USPAT;	2003/06/24
-	/	(laser or lasers) ) and (threshold and	US-PGPUB;	16:53
			EPO; JPO;	13.33
		gain\$1 and loss\$2)	DERWENT;	
			IBM TDB	
	14	((microscop\$4 with fluctuat\$5) and	USPAT;	2003/06/24
	""	(laser or lasers) ) and (gain\$1 and	US-PGPUB;	16:53
		loss\$2)	EPO; JPO;	
		1000427	DERWENT;	
			IBM TDB	
_	3	((microscop\$4 with fluctuat\$5) same	USPAT;	2003/06/24
		(quantum near3 well\$1)) and (laser or	US-PGPUB;	17:19
		lasers)	EPO; JPO;	1
	į		DERWENT;	
			IBM TDB	
_	4	"10012969"	USPAT;	2003/06/24
			US-PGPUB;	17:08
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	8	((composition with fluctuat\$5) same	USPAT;	2003/06/25
		(quantum near3 well\$1)) and (laser or	US-PGPUB;	11:50
		lasers)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	1	((composition near3 (indium orIn)) same	USPAT;	2003/06/25
_	54	/ (Composition nears /indiam offm), same	,	1
-	54	(quantum near3 well\$1)) and (laser or	US-PGPUB;	12:01
-	54	1 ' ' =	US-PGPUB; EPO; JPO;	12:01
-	54	(quantum near3 well\$1)) and (laser or		12:01

		·		
_	192	((composition near3 (indium or In)) same (quantum near3 well\$1)) and (laser or lasers)	USPAT; US-PGPUB; EPO; JPO;	2003/06/25 12:02
			DERWENT;	
		///	IBM_TDB	2002/06/25
_		(((composition near3 (indium or In))	USPAT;	2003/06/25
		same (quantum near3 well\$1)) and (laser	US-PGPUB;	13:47
		or lasers) ) and (modal near gain)	EPO; JPO;	
			DERWENT;	
	10	/#5247522#   #525000#   #5702054#	IBM_TDB	2003/06/25
_	10	("5247533"   "5358898"   "5793054"   "5828684"   "5923690"   "5963787"	USPAT	12:06
		"5966396"   "5972730"   "6015979"		12.00
	1	"6017807").PN.		
	10	("5247533"   "5358898"   "5793054"	USPAT	2003/06/25
	10	"5828684"   "5923690"   "5963787"		13:46
		"5966396"   "5972730"   "6015979"		
		"6017807").PN.		
_	l 0	(phto\$11uminescence near3 peak\$1 near3	USPAT;	2003/06/25
		distribution) and (laser or lasers)	US-PGPUB;	13:49
		and (modal near gain)	EPO; JPO;	
			DERWENT;	
	<del> </del>		IBM_TDB	
-	0	(photo\$11uminescence near3 peak\$1 near3	USPĀT;	2003/06/25
		distribution) and (laser or lasers)	US-PGPUB;	13:49
		and (modal near gain)	EPO; JPO;	
			DERWENT;	
	_	() 4	IBM_TDB	2002/06/25
_	3	(photo\$11uminescence near3 peak\$1 near3	USPAT;	2003/06/25
		distribution) and (laser or lasers)	US-PGPUB;	13:53
			EPO; JPO; DERWENT;	
			IBM TDB	
_	7	((photo\$1lumines\$5 or PL) near3 peak\$1	USPAT;	2003/06/25
	1	near3 distribution) and (laser or	US-PGPUB;	13:56
		lasers)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	90	(GaN or inGaN or InAlGAN) and (mirror	USPAT;	2003/06/25
		with coat\$4 with reflect\$4) and (laser	US-PGPUB;	14:45
		or lasers)	EPO; JPO;	
			DERWENT;	
		(#40000C4#   #C427272#\ DN	IBM_TDB USPAT	2003/06/25
_	2	("4088964"   "6437372").PN.	USPAI	14:44
_	55	(GaN or inGaN or InAlGAN) and (facet\$1	USPAT;	2003/06/25
		with coat\$4 with reflect\$4) and (laser	US-PGPUB;	14:52
		or lasers)	EPO; JPO;	
		,	DERWENT;	
1			IBM_TDB	
_	39	, , = ====	USPAT;	2003/06/25
		with coat\$4 with reflect\$4) and (laser	US-PGPUB;	14:46
		or lasers) ) not ((GaN or inGaN or	EPO; JPO;	
		InAlGAN) and (mirror with coat\$4 with	DERWENT;	
	1007	reflect\$4) and (laser or lasers) )	IBM_TDB	2003/06/25
_	1207		USPAT; US-PGPUB;	14:52
1		and (laser or lasers)	EPO; JPO;	11.02
			DERWENT;	
			IBM TDB	
-	23	(GaN or inGaN or InAlGAN) and (facet\$1	USPAT;	2003/06/25
		with coat\$4 with mirror) and (laser or	US-PGPUB;	15:26
		lasers)	EPO; JPO;	
		,	DERWENT;	
			IBM_TDB	2002/25/25
-	13	,	USPAT;	2003/06/25
		or lasers) and (substrate with (surface	US-PGPUB; EPO; JPO;	15:33
		near2 dislocation near density))	DERWENT;	
			IBM TDB	
L	1	I	1	<u>.l</u>

				0000105105
-	6	sapphire with (substrate with (surface	USPAT;	2003/06/25
		near2 dislocation near density))	US-PGPUB;	16:04
			EPO; JPO;	
			DERWENT; IBM TDB	
_	7	sapphire same (substrate with (surface	USPAT;	2003/06/25
	·	near2 dislocation near density))	US-PGPUB;	15:59
			EPO; JPO;	20000
			DERWENT;	
			IBM TDB	
<u>-</u>	26	sapphire and (substrate with (surface	USPAT;	2003/06/25
		near4 dislocation near2 density))	US-PGPUB;	15:37
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	62	sapphire with (substrate with	USPAT;	2003/06/25
		(dislocation near2 density))	US-PGPUB;	15:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
<b> </b>	19	sapphire with (surface with	USPAT;	2003/06/25
]	]	(dislocation near2 density))	US-PGPUB;	15:52
			EPO; JPO;	
			DERWENT;	
	_	"20020020200" /	IBM_TDB USPAT;	2003/06/25
_	1	"20020030200" and (surface near2	USPAT; US-PGPUB;	15:59
		dislocation near density)	EPO; JPO;	13.33
			DERWENT;	
			IBM TDB	
	Q	GaN with (substrate with (surface near2	USPAT;	2003/06/25
-	•	dislocation near density))	US-PGPUB;	16:35
		distocation hear density//	EPO; JPO;	
			DERWENT;	
			IBM TDB	
Ì _	3	(GaN near3 substrate) with (surface	USPAT;	2003/06/25
		near3 dislocation near2 density)	US-PGPUB;	16:12
			EPO; JPO;	
			DERWENT;	)
			IBM_TDB	
-	11	, , ,	USPAT;	2003/06/25
		or nitride or GaN) with (surface near4	US-PGPUB;	16:13
		dislocation near3 density))	EPO; JPO;	
			DERWENT;	
		/OFT /10 10 70 OF 04 OT ==3=	IBM_TDB	2003/06/25
-	3409	(257/13-18, 79, 85, 94-97).ccls.	USPAT; US-PGPUB;	16:36
1			EPO; JPO;	10.50
1			DERWENT;	
			IBM TDB	
_	1837	((257/13-18, 79, 85, 94-97).ccls.) and	USPAT;	2003/06/25
	103/	(GaN or nitride or III or InGaN or	US-PGPUB;	16:36
		Gallium)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1087	(((257/13-18, 79, 85, 94-97).ccls.) and	USPAT;	2003/06/25
		(GaN or nitride or III or InGaN or	US-PGPUB;	16:37
		Gallium)) and (laser or lasing)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	00001-51-5
-	629		USPAT;	2003/06/25
		and (GaN or nitride or III or InGaN or	US-PGPUB;	19:07
		Gallium)) and (laser or lasing)) and	EPO; JPO;	
		(threshold or gain or loss)	DERWENT;	
		270 /42 50	IBM_TDB	2002/06/25
-	46	372/43-50	USPAT; US-PGPUB;	2003/06/25
			EPO; JPO;	19.07
			DERWENT;	
			IBM TDB	
1	1		I TOTT IDD	<u> </u>

_	12403	372/43-50.ccls.	USPAT;	2003/06/25
			US-PGPUB;	19:07
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	j
-	2033	372/43-50.ccls. and (GaN or nitride or	USPAT;	2003/06/25
		III or InGaN or Gallium) and (laser or	US-PGPUB;	19:09
		lasing) and (threshold or gain or loss)	EPO; JPO;	1
			DERWENT;	
			IBM_TDB	
-	809	(372/43-50.ccls. and (GaN or nitride or	USPAT;	2003/06/26
	ļ	III or InGaN or Gallium) and (laser or	US-PGPUB;	08:44
		lasing) and (threshold or gain or	EPO; JPO;	
		loss)) and (threshold and gain)	DERWENT;	
			IBM_TDB	
-	813	, , ,	USPAT;	2003/06/26
		III or InGaN or Gallium) and (laser or	US-PGPUB;	11:29
		lasing) and (threshold or gain or	EPO; JPO;	
		loss)) and (threshold and gain)	DERWENT;	
			IBM TDB	